

1 **CLAIMS**

2 What is claimed is:

3 1. A method comprising:

4 dividing a GUI parent, having a GUI child, into sectors;

5 mapping the GUI child to at least one of the sectors; and

6 linking a cursor to the GUI child using the mapping.

7 2. A method comprising:

8 dividing a GUI parent, having GUI children, into sectors;

9 mapping each of the GUI children to at least one of the sectors; and

10 linking a cursor to one of the GUI children using the mapping.

11 3. A method comprising:

12 dividing GUI parents into sectors;

13 mapping a GUI child of a GUI parent to at least one of the sectors; and

14 linking a cursor to a GUI child using the mapping.

15 4. A method comprising:

16 generating GUI items comprising at least one GUI parent having at least
17 one GUI child;

18 dividing each GUI parent into sectors;

19 mapping each GUI child to at least one of the sectors; and

20 linking a cursor to a GUI child using the mapping.

1 5. A method for tracking a cursor in a GUI framework application
2 comprising:

3 generating GUI items comprising at least one GUI parent having at least
4 one GUI child;

5 dividing each GUI parent into sectors;

6 mapping each GUI child to at least one of the sectors; and

7 linking a cursor to a GUI child using the mapping.

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9 6. A computer-readable medium storing computer-executable
10 instructions to divide GUI items into sectors; to create a map of the GUI items in
11 relation to the sectors; and to link a cursor to a GUI item using the map.

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13 7. A method comprising:

14 receiving a GUI comprising a GUI parent having GUI children, the GUI
15 children having positions within the GUI parent; and

16 dividing the GUI parent into sectors based on the positions of the GUI
17 children within the GUI parent.

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19 8. The method of claim 7 wherein each sector includes at least one of
20 the GUI children.

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22 9. The method of claim 7 further comprising mapping each of the GUI
23 children to at least one of the sectors.

1 10. The method of claim 7 further comprising linking a cursor to one of
2 the GUI children using the mapping.

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4 11. A computer-readable medium storing computer-executable
5 instructions to receive a GUI comprising a GUI parent having GUI children, the
6 GUI children having positions within the GUI parent, and to divide the GUI parent
7 into sectors based on the positions of the GUI children within the GUI parent.

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9 12. A method comprising:
10 dividing a GUI parent associated with an operating system into operating
11 system sectors; and
12 dividing a GUI parent associated with a framework into framework sectors.

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14 13. The method of claim 12 wherein the GUI parent associated with a
15 framework comprises GUI children.

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17 14. The method of claim 13 further comprising mapping each of the
18 GUI children to at least one of the framework sectors.

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20 15. The method of claim 14 further comprising linking a cursor to one of
21 the GUI children using the mapping.

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23 16. The method of claim 12 further comprising creating a map that maps
24 operating system sectors to the operating system and maps framework sectors to
25 the framework.

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2 17. The method of claim 16 wherein the map includes information
3 related to GUI children.
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5 18. A method comprising:
6 dividing a GUI parent, having GUI children, into sectors;
7 mapping each of the GUI children to at least one of the sectors;
8 linking a cursor to one of the GUI children using the mapping; and
9 painting one of the GUI children based on the linking.
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